

# MODELS 200, 201, 202, 203, 204

## Current Transformers

### Window Diameter

2.50", 3.50", 4.88", 5.25", 4.50"



Model 202

### REGULATORY AGENCY APPROVALS

 E93779  LR89403  
Manufactured to meet the requirements of ANSI/IEEE C57.13.  
Classified by U.L. in accordance with IEC 44-1

### Application

Relaying and metering.

### Features

50-400 Hz

### Insulation Level

600 Volts, 10 kV BIL full wave.

Terminals are brass screws No. 10-32 with one flatwasher and lockwasher.

Multi-ratios available on request.

Excitation data available upon request.

### Model 200 Window Diameter 2.50"

Approximate weight 46 lbs.

| CATALOG NUMBER | CURRENT RATIO | RELAY CLASS | ANSI METERING CLASS AT 60 Hz |      |      |      |      | SECONDARY WINDING RESISTANCE ( $\Omega$ @ 75°C) | CONTINUOUS THERMAL RATING FACTOR |        |
|----------------|---------------|-------------|------------------------------|------|------|------|------|-------------------------------------------------|----------------------------------|--------|
|                |               |             | B0.1                         | B0.2 | B0.5 | B0.9 | B1.8 |                                                 | @ 30°C                           | @ 55°C |
| 200-500        | 50:5          | C20         | 2.4                          | 2.4  | 4.8  | —    | —    | 0.026                                           | 2.0                              | 2.0    |
| 200-750        | 75:5          | C20         | 1.2                          | 1.2  | 2.4  | 4.8  | —    | 0.039                                           | 2.0                              | 2.0    |
| 200-101        | 100:5*        | C20         | 0.6                          | 1.2  | 1.2  | 2.4  | 4.8  | 0.051                                           | 2.0                              | 2.0    |
| 200-151        | 150:5*        | C50         | 0.3                          | 0.6  | 0.6  | 1.2  | 2.4  | 0.077                                           | 2.0                              | 2.0    |
| 200-201        | 200:5*        | C50         | 0.3                          | 0.3  | 0.6  | 0.6  | 1.2  | 0.103                                           | 2.0                              | 2.0    |
| 200-251        | 250:5*        | C100        | 0.3                          | 0.3  | 0.3  | 0.6  | 1.2  | 0.129                                           | 2.0                              | 2.0    |
| 200-301        | 300:5*        | C100        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.6  | 0.154                                           | 2.0                              | 2.0    |
| 200-401        | 400:5*        | C200        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.206                                           | 2.0                              | 1.5    |
| 200-501        | 500:5*        | C200        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.408                                           | 1.5                              | 1.5    |
| 200-601        | 600:5*        | C200        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.489                                           | 1.5                              | 1.0    |

\*Industry Canada Approval No. T-197



461 Boston Street, Unit E6, Topsfield, MA 01983  
Toll Free (800) 644-9773 · Phone (978) 887-2020  
meters@spectrumind.com

## Model 201 Window Diameter 3.50"

Approximate weight 43 lbs.

| CATALOG NUMBER | CURRENT RATIO | RELAY CLASS | ANSI METERING CLASS AT 60 Hz |      |      |      |      | SECONDARY WINDING RESISTANCE ( $\Omega$ @ 75°C) | CONTINUOUS THERMAL RATING FACTOR |        |
|----------------|---------------|-------------|------------------------------|------|------|------|------|-------------------------------------------------|----------------------------------|--------|
|                |               |             | B0.1                         | B0.2 | B0.5 | B0.9 | B1.8 |                                                 | @ 30°C                           | @ 55°C |
| 201-500        | 50:5          | C10         | 2.4                          | 4.8  | —    | —    | —    | 0.024                                           | 2.0                              | 2.0    |
| 201-750        | 75:5          | C20         | 1.2                          | 2.4  | 4.8  | 4.8  | —    | 0.036                                           | 2.0                              | 2.0    |
| 201-101        | 100:5*        | C20         | 0.6                          | 1.2  | 2.4  | 4.8  | 4.8  | 0.047                                           | 2.0                              | 2.0    |
| 201-151        | 150:5*        | C20         | 0.3                          | 0.6  | 1.2  | 2.4  | 2.4  | 0.071                                           | 2.0                              | 2.0    |
| 201-201        | 200:5*        | C50         | 0.3                          | 0.3  | 0.6  | 1.2  | 2.4  | 0.095                                           | 2.0                              | 2.0    |
| 201-251        | 250:5*        | C50         | 0.3                          | 0.3  | 0.6  | 0.6  | 1.2  | 0.119                                           | 2.0                              | 2.0    |
| 201-301        | 300:5*        | C100        | 0.3                          | 0.3  | 0.3  | 0.6  | 1.2  | 0.142                                           | 2.0                              | 2.0    |
| 201-401        | 400:5*        | C100        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.6  | 0.190                                           | 2.0                              | 2.0    |
| 201-501        | 500:5*        | C100        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.237                                           | 2.0                              | 2.0    |
| 201-601        | 600:5*        | C200        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.285                                           | 2.0                              | 2.0    |
| 201-751        | 750:5*        | C200        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.448                                           | 2.0                              | 1.5    |
| 201-801        | 800:5*        | C200        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.478                                           | 2.0                              | 1.5    |

\*Industry Canada Approval No. T-198

## Model 202 Window Diameter 4.88"

Approximate weight 34 lbs.

| CATALOG NUMBER | CURRENT RATIO | RELAY CLASS | ANSI METERING CLASS AT 60 Hz |      |      |      |      | SECONDARY WINDING RESISTANCE ( $\Omega$ @ 75°C) | CONTINUOUS THERMAL RATING FACTOR |        |
|----------------|---------------|-------------|------------------------------|------|------|------|------|-------------------------------------------------|----------------------------------|--------|
|                |               |             | B0.1                         | B0.2 | B0.5 | B0.9 | B1.8 |                                                 | @ 30°C                           | @ 55°C |
| 202-101        | 100:5         | C20         | 1.2                          | 2.4  | 4.8  | 4.8  | —    | 0.042                                           | 2.0                              | 2.0    |
| 202-151        | 150:5*        | C20         | 0.6                          | 1.2  | 2.4  | 2.4  | 4.8  | 0.063                                           | 2.0                              | 2.0    |
| 202-201        | 200:5*        | C20         | 0.6                          | 0.6  | 1.2  | 1.2  | 2.4  | 0.084                                           | 2.0                              | 2.0    |
| 202-251        | 250:5*        | C50         | 0.3                          | 0.6  | 0.6  | 1.2  | 2.4  | 0.105                                           | 2.0                              | 2.0    |
| 202-301        | 300:5*        | C50         | 0.3                          | 0.3  | 0.6  | 0.6  | 1.2  | 0.126                                           | 2.0                              | 2.0    |
| 202-401        | 400:5*        | C50         | 0.3                          | 0.3  | 0.3  | 0.6  | 0.6  | 0.168                                           | 2.0                              | 2.0    |
| 202-501        | 500:5*        | C100        | 0.3                          | 0.3  | 0.3  | 0.6  | 0.6  | 0.211                                           | 2.0                              | 2.0    |
| 202-601        | 600:5*        | C100        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.6  | 0.253                                           | 2.0                              | 2.0    |
| 202-751        | 750:5*        | C100        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.316                                           | 2.0                              | 1.5    |
| 202-801        | 800:5*        | C100        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.337                                           | 2.0                              | 1.5    |
| 202-102        | 1,000:5*      | C200        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.421                                           | 2.0                              | 1.5    |

\*Industry Canada Approval No. T-199



## Model 203 Window Diameter 5.25"

Approximate weight 26 lbs.

| CATALOG NUMBER | CURRENT RATIO | RELAY CLASS | ANSI METERING CLASS AT 60 Hz |      |      |      |      | SECONDARY WINDING RESISTANCE ( $\Omega$ @ 75°C) | CONTINUOUS THERMAL RATING FACTOR |        |
|----------------|---------------|-------------|------------------------------|------|------|------|------|-------------------------------------------------|----------------------------------|--------|
|                |               |             | B0.1                         | B0.2 | B0.5 | B0.9 | B1.8 |                                                 | @ 30°C                           | @ 55°C |
| 203-201        | 200:5*        | C20         | 0.6                          | 0.6  | 1.2  | 2.4  | —    | 0.064                                           | 2.0                              | 2.0    |
| 203-251        | 250:5*        | C20         | 0.3                          | 0.6  | 1.2  | 1.2  | 2.4  | 0.081                                           | 2.0                              | 2.0    |
| 203-301        | 300:5*        | C50         | 0.3                          | 0.3  | 0.6  | 1.2  | 1.2  | 0.097                                           | 2.0                              | 2.0    |
| 203-401        | 400:5*        | C50         | 0.3                          | 0.3  | 0.3  | 0.6  | 1.2  | 0.129                                           | 2.0                              | 2.0    |
| 203-501        | 500:5*        | C50         | 0.3                          | 0.3  | 0.3  | 0.3  | 0.6  | 0.161                                           | 2.0                              | 2.0    |
| 203-601        | 600:5*        | C100        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.6  | 0.193                                           | 2.0                              | 2.0    |
| 203-751        | 750:5*        | C100        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.242                                           | 2.0                              | 2.0    |
| 203-801        | 800:5*        | C100        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.324                                           | 2.0                              | 2.0    |
| 203-102        | 1,000:5*      | C100        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.405                                           | 2.0                              | 1.5    |
| 203-122        | 1,200:5*      | C200        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.486                                           | 2.0                              | 1.5    |
| 203-152        | 1,500:5*      | C200        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.961                                           | 1.33                             | 1.0    |
| 203-162        | 1,600:5*      | C200        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 1.292                                           | 1.33                             | 1.0    |
| 203-202        | 2,000:5*      | C200        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 1.194                                           | 1.0                              | 0.8    |
| 203-252        | 2,500:5*      | C200        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 1.493                                           | 1.0                              | 0.8    |
| 203-302        | 3,000:5*      | C200        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 1.791                                           | 1.0                              | 0.6    |
| 203-402        | 4,000:5*      | C100        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 2.214                                           | 1.0                              | 0.6    |
| 203-502        | 5,000:5*      | C100        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 3.472                                           | 0.8                              | 0.3    |

\*Industry Canada Approval No. T-200

## Model 204 Window Diameter 4.50"

Approximate weight 35 lbs.

| CATALOG NUMBER | CURRENT RATIO | RELAY CLASS | ANSI METERING CLASS AT 60 Hz |      |      |      |      | SECONDARY WINDING RESISTANCE ( $\Omega$ @ 75°C) | CONTINUOUS THERMAL RATING FACTOR |        |
|----------------|---------------|-------------|------------------------------|------|------|------|------|-------------------------------------------------|----------------------------------|--------|
|                |               |             | B0.1                         | B0.2 | B0.5 | B0.9 | B1.8 |                                                 | @ 30°C                           | @ 55°C |
| 204-101        | 100:5         | C20         | 1.2                          | 2.4  | 2.4  | 4.8  | —    | 0.043                                           | 2.0                              | 2.0    |
| 204-151        | 150:5*        | C20         | 0.6                          | 0.6  | 1.2  | 2.4  | 4.8  | 0.065                                           | 2.0                              | 2.0    |
| 204-201        | 200:5*        | C20         | 0.3                          | 0.6  | 1.2  | 1.2  | 2.4  | 0.087                                           | 2.0                              | 2.0    |
| 204-251        | 250:5*        | C50         | 0.3                          | 0.3  | 0.6  | 1.2  | 1.2  | 0.109                                           | 2.0                              | 2.0    |
| 204-301        | 300:5*        | C50         | 0.3                          | 0.3  | 0.6  | 0.6  | 1.2  | 0.130                                           | 2.0                              | 2.0    |
| 204-401        | 400:5*        | C100        | 0.3                          | 0.3  | 0.3  | 0.6  | 0.6  | 0.174                                           | 2.0                              | 2.0    |
| 204-501        | 500:5*        | C100        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.6  | 0.217                                           | 2.0                              | 2.0    |
| 204-601        | 600:5*        | C100        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.261                                           | 2.0                              | 2.0    |
| 204-751        | 750:5*        | C200        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.326                                           | 2.0                              | 1.5    |
| 204-801        | 800:5*        | C200        | 0.3                          | 0.3  | 0.3  | 0.3  | 0.3  | 0.348                                           | 2.0                              | 1.5    |



Models 200, 201, 202, 203, 204

